Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 20 Feb 2023 until 23:59 on Tuesday 21 Feb 2023

Forecast Issued on Sunday 19 Feb 2023 at 11:58

Confidence: High at first, falling low for timing of improvement on Wednesday.

Headline for Monday 20 Feb 2023: Overcast with extensive hill fog and outbreaks of mostly light rain and drizzle. Freezing level above summits and strong to gale west to southwest winds.

Mountain weather hazards on Monday 20 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG		FOG	FOG	FOG	FOG	FOG
Fog	Fog	Dull	Fog	Fog	Fog	Fog	Fog
Precipitation probability							
80%	40%	20%	80%	80%	80%	20%	70%

Forecast for Monday 20 Feb 2023

Weather: Cloudy throughout with hill fog and occasional mostly light rain and drizzle, sometimes persistent, and a little heavier over southern and western fells.

Chance of cloud-free hill tops above 600m: 10% or less.

Low Cloud and visibility: Extensive cloud, bases mostly 400-600m, occasionally a little higher over sheltered eastern slopes, bringing very poor visibility. Even below the cloud, visibility occasionally poor in drizzly rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 20 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/38 SW	29/42 SW	28/41 W	26/38 SW	26/39 SW	24/36 W	22/33 SW	21/31 SW	17/26 SW
300	17/36 SW	20/40 W	19/38 W	17/35 W	17/35 W	16/33 W	14/29 W	13/26 W	10/22 SW
Valley	16/35 SW	16/34 SW	16/33 SW	14/31 SW	16/33 SW	14/30 W	12/26 SW	10/23 SW	7/18 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/0	6/0	6/-0	6/0	6/1	6/1	6/1	6/1	6/1
300	7/3	7/3	7/3	7/3	7/3	8/4	7/4	7/4	7/4
Valley	8/4	8/4	8/5	8/5	9/5	9/6	8/5	8/5	8/6
Freezing Level*	1800m	1700m	1500m	1800m	1900m	2000m	1800m	1900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties the main hazard on Monday with strong winds and wetting conditions combining to bring a considerable chill across the hills.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 19 Feb 2023	5mm	19.4mm	40.2mm

Forecast for Tuesday 21 Feb 2023

Weather: Another cloudy day but mostly dry, with just a few patches of light drizzle.

Maximum wind: Southwest 20 gusts 30mph.

Chance of cloud-free hill tops above 600m: 10% rising 60% for a time around the middle of the day

Low Cloud and visibility: Cloud extensive between 400-600m tending to lift towards or just off the summits for a time around the middle of the day before lowering again later. Bases a little higher in the northeast with perhaps a few breaks.

Temperature: **Valleys:** Plus 10 Celsius
At 600m: Plus 4 Celsius
Freezing level: Above summits

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